

Title (en)

INKED RIBBON CARTRIDGE EQUIPPED WITH A RIBBON END DETECTING MECHANISM

Publication

EP 0234254 B1 19901031 (EN)

Application

EP 87100657 A 19870120

Priority

- JP 1052686 A 19860121
- JP 9518386 A 19860424

Abstract (en)

[origin: EP0234254A1] The inked ribbon cartridge (1) is featured by a ribbon detecting mechanism (25-28) which engages an outer circumferential surface of a wound inked ribbon (4b) around a take-up spool (6) and actuates a ribbon end detecting switch (SW) when a radius of the wound inked ribbon is greater than a predetermined value (Rr). This cartridge detects a ribbon end of an inked ribbon with high reliability and feeds an inked ribbon without damaging it.

IPC 1-7

B41J 32/00; B41J 35/36

IPC 8 full level

B41J 32/00 (2006.01); **B41J 35/36** (2006.01)

CPC (source: EP)

B41J 32/00 (2013.01); **B41J 35/36** (2013.01)

Cited by

US4909648A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0234254 A1 19870902; EP 0234254 B1 19901031; DE 3765790 D1 19901206

DOCDB simple family (application)

EP 87100657 A 19870120; DE 3765790 T 19870120